

72. (new) The planar array of beads according to claim 71, wherein said array of beads is anchored by chemical means.
73. (new) The planar array of beads according to claim 48, wherein said planar array of beads is permanently anchored to said electrode.
74. (new) The planar array of beads according to claim 48, wherein the beads of each type are encoded with a physical characteristic that uniquely identifies the biomolecules attached to said bead type.
75. (new) The planar array of beads according to claim 48, wherein beads of each said bead type are encoded with a chemical label that uniquely identifies the biomolecules attached to said bead type.- -

### REMARKS

#### A. Status of Pending Claims and Explanation of Amendments

Claims 43-69 were pending in the application, with claims 57-69 corresponding to non-elected claims. By this Amendment, claims 54 and 55, as well as the non-elected claims, have been canceled. Cancellation of these claims is without prejudice to file and prosecute to allowance claims relating to the cancelled subject matter in a continuation application. In addition, claim 43 has been amended to present the claim in a better form, without changing the scope of the invention. A marked-up version of the amended claim 43 is provided by the Appendix. Support for the amendment may be found in Example V of the specification (page 26-30) which teaches the preparation of heterogeneous panels of particles. Support is also found